Chilli Challenges - 3.3.21

Answer at least one challenge question.

Mild Chilli

Use the digit cards to complete the equivalent fractions.

1	2	3
4	6	8

$$\frac{\square}{\square} = \frac{\square}{\square}$$

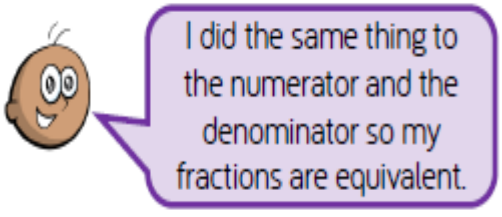
How many different ways can you find?

Hot Chilli

Tommy is finding equivalent fractions.

$$\frac{3}{4} = \frac{5}{6} = \frac{7}{8} = \frac{9}{10}$$

He says,



Do you agree with Tommy?
Explain your answer.

Spicy Chilli

True or False?

$$\frac{6}{27} = \frac{16}{72}$$

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Answers - Spicy

True

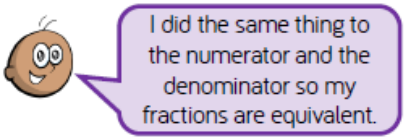
$$\frac{2}{9} = \frac{6}{27} = \frac{16}{72} = \frac{2}{9}$$

Reasoning and Problem Solving

Tommy is finding equivalent fractions.

$$\frac{3}{4} = \frac{5}{6} = \frac{7}{8} = \frac{9}{10}$$

He says,



Do you agree with Tommy?
Explain your answer.

Tommy is wrong. He has added two to the numerator and denominator each time. When you find equivalent fractions you either need to multiply or divide the numerator and denominator by the same number.

Use the digit cards to complete the equivalent fractions.

1	2	3
4	6	8

$$\frac{\square}{\square} = \frac{\square}{\square}$$

How many different ways can you find?

Possible answers:

$\frac{1}{2} = \frac{3}{6}$, $\frac{1}{2} = \frac{4}{8}$,

$\frac{1}{3} = \frac{2}{6}$, $\frac{1}{4} = \frac{2}{8}$,

$\frac{3}{4} = \frac{6}{8}$, $\frac{2}{3} = \frac{4}{6}$